

PATENT COOPERATION TREATY

TRANSLATION

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference

HINO1659

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/JP2005/000131

International filing date (day/month/year)

07.01.2005

Priority date (day/month/year)

09.01.2004

International Patent Classification (IPC) or both national classification and IPC

Applicant

Hino Motors, Ltd.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP

Authorized officer

Facsimile No.

Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2005/000131

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐

This opinion has been established on the basis of a translation from the original language into the following language

_____, which is the language of a translation furnished for the purposes of international search (under Rule 12.3 and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

☐

a sequence listing

☐

table(s) related to the sequence listing

b. format of material

☐

in written format

☐

in computer readable form

c. time of filing/furnishing

☐

contained in the international application as filed.

☐

filed together with the international application in computer readable form.

☐

furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

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Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-16	YES
	Claims		NO
Inventive step (IS)	Claims	1-16	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-16	YES
	Claims		NO

2. Citations and explanations:

Document 1: JP 60-340 A (Oki Electric Industry Co., Ltd.), 05 January 1985
 Document 2: JP 3-62202 A (Nippon Denshi Kiki K.K.), 18 March 1991
 Document 3: JP 56-6134 A (Nissan Motor Co., Ltd.), 22 January 1981
 Document 4: JP 10-281939 A (Schlumberger Technologies, Incorporated), 23 October 1998
 Document 5: JP 9-151779 A (Unisia Jecs Corporation), 10 June 1997
 Document 6: JP 2003-108614 A (Mazda Motor Corporation), 11 April 2003
 Document 7: JP 2603364 B (Denso Corporation), 17 July 1998
 Document 8: JP 2002-328704 A (Denso Corporation), 15 November 2002

Claims 1-7

An engine transition test instrument, wherein simulation results are displayed on display means of an operator, the simulation results and control value used for the simulation are displayed in time series with graphs by control value operation means for revising a control value according to the operator operation is not described in any of the documents cited in the ISR; nor would it be obvious to a party skilled in the art.

Claims 8-14

An engine transition test method, wherein a control value is displayed in time series with graphs, and simulation results are displayed parallel thereto is not described in any of the documents cited in the ISR; nor would it be obvious to a party skilled in the art.

Claims 15-16

Having engine simulation results displayed on display means of an operator, and the simulation results and the control value used for the simulation are [displayed] in time series with graphs by control value operation means for revising a control value...

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Box V

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Basis of this opinion

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Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
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	Claims		NO
Inventive step (IS)	Claims	<u>1-16</u>	YES
	Claims		NO
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2. Citations and explanations:			
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Continuation of: Box V

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